



Department of Chemistry  
Keral Verma Subharti College of Science  
SWAMI VIVEKANAND SUBHARTI UNIVERSITY

(Established under U.P. Govt. Act no. 20 of 2009 and approved under section 2(i) of UGC Act 1956)  
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Ref. No. KVSCOS/CHEM/2024/BOS-001

Date-01-05-2025

**Agenda for Meeting of Board of Studies**  
**Department of Chemistry**

**NOTICE**

The Meeting of the Board of Studies of Chemistry Department is scheduled to be held on 01/05/2025 at 10.00 am in office of the Head of the department.

The Agenda of the meeting are as follows:

Agenda Item No. 1:- To confirm the minutes of previous meeting of the Departmental Committee held on 05/02/2025.

Agenda Item No. 2:- To discuss about the Value-Added Courses (VAC) of 2025-2026.

Agenda Item No. 3:- To discuss about the implementation of blended learning for enhancement of Teaching & Learning methodologies.

Agenda Item No. 4:- To discuss about the updates in syllabus of B.Sc. Forensic Science according to NEP-2020 for the session 2025-2026 as per FYUP and syllabus of B.Sc. Chemistry according to NEP-2020 for the session 2025-2026 as per FYDP.

Agenda Item No. 5:- To discuss about the IKS, Indian Knowledge System as a value-added course for 2025-26.

Agenda Item No. 6:- To discuss about increasing the internships & project work.

Agenda Item No. 7:- To discuss about the completion of Swayam course of Community Engagement.

Agenda Item No. 8:- To discuss about the introduction of new PG programs as per the industry Demand i.e., M.Sc. Industrial Chemistry & M.Sc. Forensic Science.

Agenda Item No. 9:- To discuss about the upcoming Conference.

Agenda Item No. 10: To discuss about withdrawal of shifting B.Sc. Biochemistry and M.Sc. Biochemistry programs under the Department of Chemistry.

Renu  
Abhis  
Manvi

Trina  
Abhi  
Ganga

**Agenda Item No. 11:-** To discuss about conducting Faculty Development program and activities for teaching & non-teaching staff.

**Agenda Item No. 12:-** To discuss about the experiential learning through internship & hands-on training for students of B.Sc. Chemistry & Forensic Science.

**Agenda Item No. 13:-** To discuss about addition of Apprenticeship Embedded Degree Program in existing programs.

**Agenda Item No. 14:-** To discuss about the improvement in laboratory infrastructure and equipment.

**Agenda Item No. 15:-** To discuss about obtaining feedback from stakeholders, Alumni, Employers & students.

**Agenda Item No. 16:-** To discuss about the strategies for enhancing research activities & student research projects.

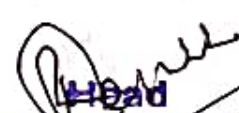
**Agenda Item No. 17:-** To discuss about the strategies to enhance students' practical skills & employability.

**Agenda Item No. 18:-** To discuss about the promotion of collaborative interdisciplinary research among various disciplines.

**Agenda Item No. 19:-** To discuss about the potential MOUs.

**Agenda Item No. 20:-** To discuss about proper resource allocation & infrastructure development for maximum utilization.

Any other matter with the permission of the chair.

  
**Head**  
**Deptt. of Chemistry**  
**Faculty of Science**  
**S.V.S.U., MESRUT**  
**Chairperson**

**Copy to:**

1. Dean, KVSCOS- for kind information
2. Dr. Vishrut Chaudhary, D. N. College, External Expert
3. Prof.(Dr.) Renu Mavi, Chairperson
4. Dr. Ankita Agarwal, Member
5. Dr. Abida, Member
6. Dr. Preeti Singh, Member
7. Ms. Manvi Chaudhary, Invited Member



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Ref. No. KVSCOS/CHEM/2024/BOS-003

Date-02-05-2025

**MINUTES OF MEETING OF THE BOARD OF STUDIES**

The meeting of the Board of Studies of Department of Chemistry was held on 01/05/2025 at 10:00 am in office of the Head of the department.

Following were the agenda to discuss: -

**Agenda No. 1:** - To confirm the minutes of previous meeting of the Departmental Committee held on 05/02/2025.

**Resolution:** - The members considered the minutes of previous meeting of the departmental committee held on 05/02/2025 and approved the same.

**Agenda No. 2:** - To discuss about the Value-Added Courses (VAC) of 2025-2026.

**Resolution:** - It has been proposed that the following Value-Added Courses for Session 2025-2026 will be opted for the students of Chemistry and Forensic Science.

VAC 1= Advanced instrumental techniques (ODD Semester)

VAC 2= Synthesis and Characterization of Novel Materials (Even Semester)

**Agenda No. 3:** - To discuss about the implementation of blended learning for enhancement of Teaching & Learning methodologies.

**Resolution:** - After discussion with the board members, it was decided that various methodologies for promotion of blended learning will be adopted by all faculty members in Session 2025-2026.

**Agenda No. 4:** - To discuss about the updates in syllabus of B.Sc. Forensic Science according to NEP-2020 for the session 2025-2026 as per FYUP & syllabus of B.Sc. Chemistry for the session 2025-26 as per FYDP.

**Resolution:** - All board members reviewed the syllabus of B.Sc. Forensic Science as per FYUP & syllabus of B.Sc. Chemistry as per FYDP and approved it to be implemented from the session 2025-2026, after the approval of Faculty Board and Academic Council.

**Agenda No. 5:** - To discuss about the IKS, Indian Knowledge System as a value-added course for 2025-2026.

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*Jonys*

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*Manvi*

*Head*  
**Dept. of Chemistry**  
**Faculty of Science**  
**S.V.S.U. WERUR**

**Resolution:** -After discussion with the board members, it was decided that Indian Knowledge system-based VAC can be taught to all the students of Chemistry & Forensic Science.

**Agenda No. 6:** -To discuss about the completion of SWAYAM course of Community Engagement.

**Resolution:** -The discussion concluded that SWAYAM course was successfully completed by all the students of B.Sc. Chemistry, II Year and the certificates were also uploaded and provided to all the students for the same.

**Agenda No. 7:** To discuss about the introduction of new PG programs as per the industry Demand i.e., M.Sc. Industrial Chemistry & M.Sc. Forensic Science.

**Resolution:** After discussion with all the committee members, it was proposed that the following programs should be introduced from the session 2025-26, as listed below. Proposal for the same has been sent in the Faculty Board.

New Programs (Master of Science)					
S. No.	Name of Program/Shot Term Course	Level	Duration	Intake	
1.	M.Sc. in Industrial Chemistry	Post-Graduate	2 Years	10	
2.	M.Sc. in Forensic Science	Post-Graduate	2 Years	10	

**Agenda No. 8:** -To discuss about the One-day National Conference on "Recent Advancements in the field of Science and Technology".

**Resolution:** -The conference was planned for 26.04.2025, and due to some official reasons, it was postponed. After discussion with all the committee members, it was then planned on 2 June, 2025.

**Agenda No. 9:** To discuss about withdrawal of shifting B.Sc. Biochemistry and M.Sc. Biochemistry programs under the Department of Chemistry

**Resolution:** The proposal of shifting B.Sc. Biochemistry and M.Sc. Biochemistry programs under the Department of Chemistry has been withdrawn on date 05.04.2025.

**Agenda No. 10:** -To discuss about conducting the guest lecturers from Industrial experts to enhance industrial collaborations.

**Resolution:** -It was discussed and proposed that the guest lecturers from Industrial experts to enhance industrial collaborations will be conducted in ODD semester, 2025-26 for all the students of Chemistry & Forensic Science.

**Agenda No. 11:** -To discuss about conducting Faculty Development program and activities for teaching & non-teaching staff.

*Handwritten signatures:* Traci, Abhi, Manu, Ganga

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Faculty of Science  
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**Resolution:** - All members agreed to conduct Faculty Development program and other activities for teaching & non-teaching staff.

**Agenda No. 12:** - To discuss about the experiential learning through internship & hands-on training for students of B.Sc. Chemistry & Forensic Science.

**Resolution:** -After discussion with all the members, it was decided that students of Chemistry & Forensic Science will be sent for internship & hands-on training on regular basis.

**Agenda No. 13:** - To discuss about addition of Apprenticeship Embedded Degree Program in existing programs.

**Resolution:** - It was discussed that Apprenticeship Embedded Degree Program may be proposed from session 2026-27.

**Agenda No. 14:** - To discuss about the improvement in laboratory infrastructure and equipment.

**Resolution:** -The progress of the Forensic Science laboratory was discussed. All equipment, chemicals and other physical requirements were put on demand.

**Agenda No. 15:** - To discuss about obtaining feedback from stakeholders, Alumni, Employers & students.

**Resolution:** -It was discussed that the feedback form should be filled by all the stakeholders on regular basis.

**Agenda No. 16:** - To discuss about the strategies for enhancing research activities & student research projects.

**Resolution:** -All the board members discussed and agreed for the following strategies to enhance research activities & student research projects.

- Establish a dedicated Research Promotion Committee within the department to formulate and implement strategies for enhancing research activities.
- Workshops and seminar on research methodology ethics and scientific writing for students should be organized.
- Allocate a specific budget for seed grants to faculty for initiating research projects.
- Introduce a mandatory research project component for PG students and encourage it for final year UG students.
- Organize annual research colloquiums or poster sessions for students to showcase their research work.

**Agenda No. 17:** - To discuss about the strategies to enhance students' practical skills & employability.

**Resolution:** - All the board members discussed and agreed for the following strategies:

- Revamp the laboratory curriculum to include more application-oriented experiments and modern instrumentation.

*Handwritten signatures:*  
Tareki, Obil, Manvi, Jangis

**Head**  
Dept. of Chemistry  
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- Introduce mandatory industrial visits and encourage internships for final year students
- Organize workshops on analytical techniques, safety in labs, and relevant software used in the chemical industry.
- Invite industry experts to deliver guest lectures and conduct interactive sessions.
- Incorporate activities that promote teamwork, communication, and problem-solving skills in laboratory and project work.

**Agenda No. 18:** - To discuss about the promotion of collaborative interdisciplinary research among various disciplines.

**Resolution:** - All the board members discussed and agreed for the following strategies:

- Encourage joint supervision of Ph.D. students in interdisciplinary areas.
- Organize joint workshops and seminars involving faculty and students from different departments.

**Agenda No. 19:** - To discuss about the potential MOUs.

**Resolution:** - All the board members discussed and agreed for the following strategies:

- Explore MOUs with leading research institutions for collaborative research and faculty/student exchange.
- Consider MOUs with industries for internships, joint projects, and curriculum alignment
- Initiate discussions with identified institutions to explore the possibilities of signing MOUs.

**Agenda No. 20:** - To discuss about proper resource allocation & infrastructure development for maximum utilization.

**Resolution:** - All the board members discussed and agreed for the following strategies:

- Conduct an audit of the department's existing infrastructure and identify gaps and needs.
- Prioritize the procurement of essential equipment and the upgrade of existing facilities based on academic and research requirements.
- Explore funding proposals for infrastructure development to relevant funding agencies.
- Establish a maintenance schedule for laboratory equipment and other infrastructure.

Since there was no any other matter, the meeting ended with thanks to the chair.

*Preeti*  
*Abhis*  
*Manvi*  
*Georgis*  
*Al*

Head  
 Dept. of Chemistry  
 Faculty of Science  
 S.V.S.U., MEERUT  
 CHAIRPERSON



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Ref. No. KVSCOS/CHEM/2024/BOS-002

Date-01-05-2025

A meeting of Board of Studies has been conducted at 10:00 am on 01/05/2025 in office of the Head of the department.

Following members were present:

S. No.	Name	Designation	Role	Signature
1	Dr. Renu Mavi	Head & Professor	Chairperson	
2	Dr. Vishrut Chaudhary	Associate Professor	External Expert	 1-5-25
3	Dr. Ankita Agarwal	Assistant Professor	Member	 01/05/2025
4	Dr. Abida	Assistant Professor	Member	 01/05/25
5	Dr. Preeti Singh	Assistant Professor	Member	 01/05/25
6	Ms. Manvi Chaudhary	Lecturer	Invited Member	 01/05/25
7	Ms. Geetanjali Singh	Pursuing Ph.D.	PG Meritorious Alumni	 01/05/25

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Ref. No. KVSCOS/CHEM/2025/009

Dated: 28/04/2025

Action Taken Report

The meeting of the BOS of department was held on 05.04.2025. Following agenda are discussed in the meeting. The actions taken of the agendas are given below.

Agenda Item	Decision/ Recommendation	Action Taken
<u>1. Agenda Item No. 1:-</u> Agenda Item No. 1:- To confirm the minutes of previous meeting of the Departmental Committee held on 09/09/2024.	Confirmed.	
<u>2. Agenda Item No. 2:-</u> To discuss about the conduct of Value-Added Course (VAC) & Personality Development classes (PDP) for the programme of B.Sc. Chemistry (NEP 2020).	Recommended.	Value Added course and Personality development classes were conducted successfully in both odd and even semesters.
<u>3. Agenda Item No. 3:-</u> To discuss about the implementation of smart classes for enhancing students' knowledge of ICT tools handling and utility.	Recommended.	Implemented successfully in classes of Chemistry & Forensic Science.
<u>4. Agenda Item No. 4:</u> To discuss about the revision of syllabus of B.Sc. Forensic Science according to NEP-2020 for the session 2025-2026 as per FYUP.	Recommended.	Revised to be implemented from 2025-2026 session.
<u>5. Agenda Item No. 5:</u> To discuss about the Interdisciplinary courses, Session: 2024-2025.	Recommended.	Implemented.
<u>6. Agenda Item No. 6:-</u> To discuss about conducting the Research projects for the students of B.Sc. Chemistry (NEP 2020) for session: 2024-2025 and Dissertation for students of B.Sc. Forensic Science & M.Sc. Chemistry.	Supervisors allotted.	Research projects were conducted successfully.
<u>Agenda Item No. 7:</u> To discuss about the introduction of new programs as per the industry demand.	Recommended.	Two new PG courses are introduced. M.Sc. Industrial Chemistry M.Sc. Forensic Science

*(D. Prasad)*

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<b>Agenda Item No. 8:-</b> To discuss about conducting workshops, seminars, guest lectures and conference for B.Sc. Chemistry & Forensic Science.	Recommended.	Workshop, Seminar and Guest lecture were conducted. Conference is in process.
<b>Agenda Item No. 9:</b> To shift B.Sc. Biochemistry and M.Sc. Biochemistry programs under the Department of Chemistry.	Recommended.	Reverted back as per the instructions.
<b>Agenda Item No. 10:-</b> To discuss about conducting the activities related to Entrepreneurship skills.	Recommended.	Seminar related to Entrepreneurship was conducted on 15 <sup>th</sup> April, 2025.
<b>Agenda Item No. 11:-</b> To discuss about conducting Faculty Development program and activities for teaching & non-teaching staff.	Recommended.	Planned in May/June.
<b>Agenda Item No. 12:-</b> To discuss about the Vocational courses and SWAYAM courses for B.Sc. Chemistry, II year.	Recommended.	Vocational course was changed from Computer Networking (VOC-4-CN) to Screen Printing (VOC-4-SP). Community Engagement & Social Responsibility SWAYAM course was completed by B.Sc. Chemistry, II Year students.
<b>Agenda Item No. 13:-</b> To discuss about the experiential learning through internship & hands-on training for students of B.Sc. Chemistry & Forensic Science.	Recommended.	Planning to send students on Internship in the summer break.

(Dr. Anshu) Doyle

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